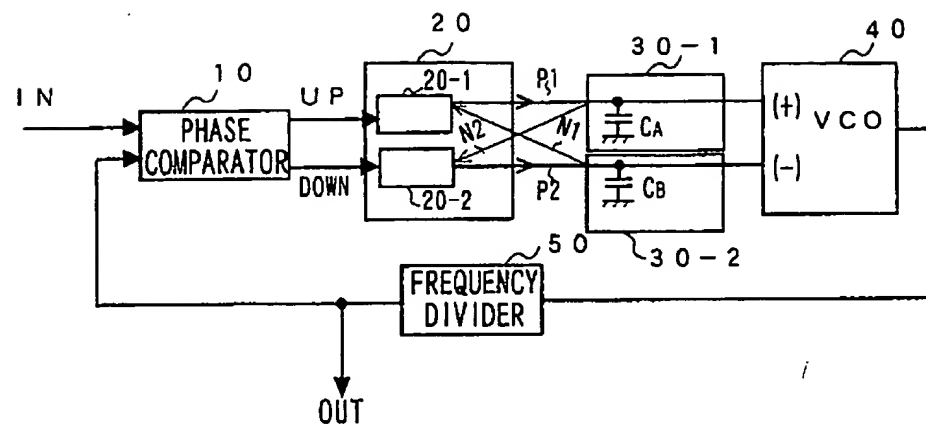


FIG . 1



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FIG . 3(a)

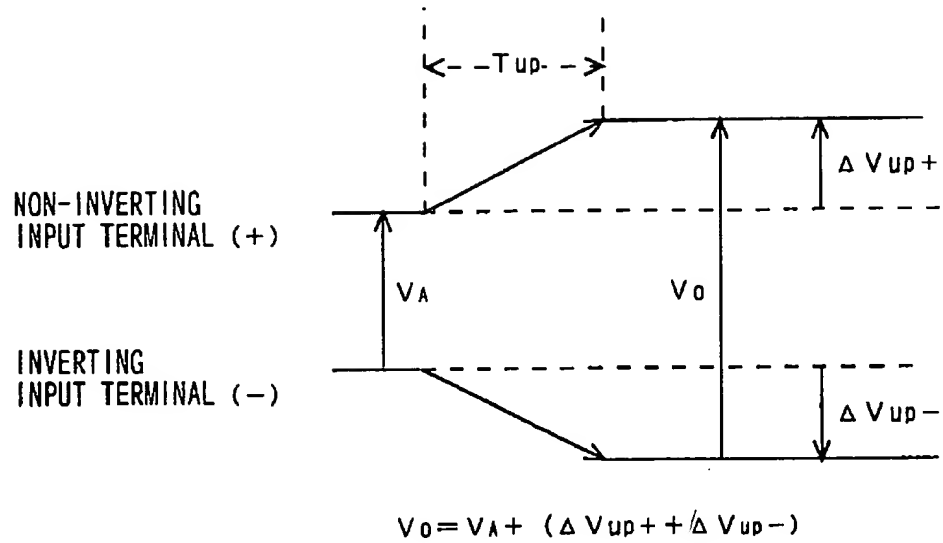


FIG . 3(b)

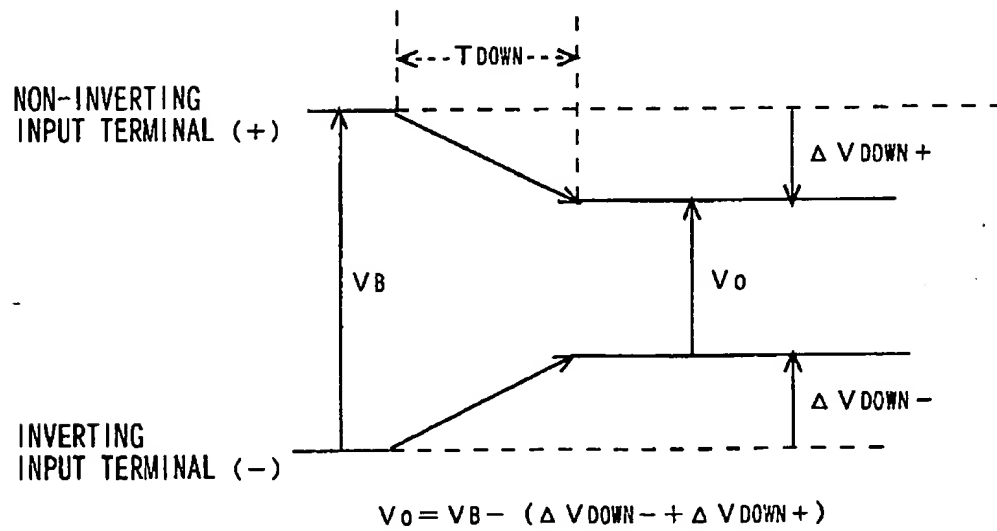


FIG. 4

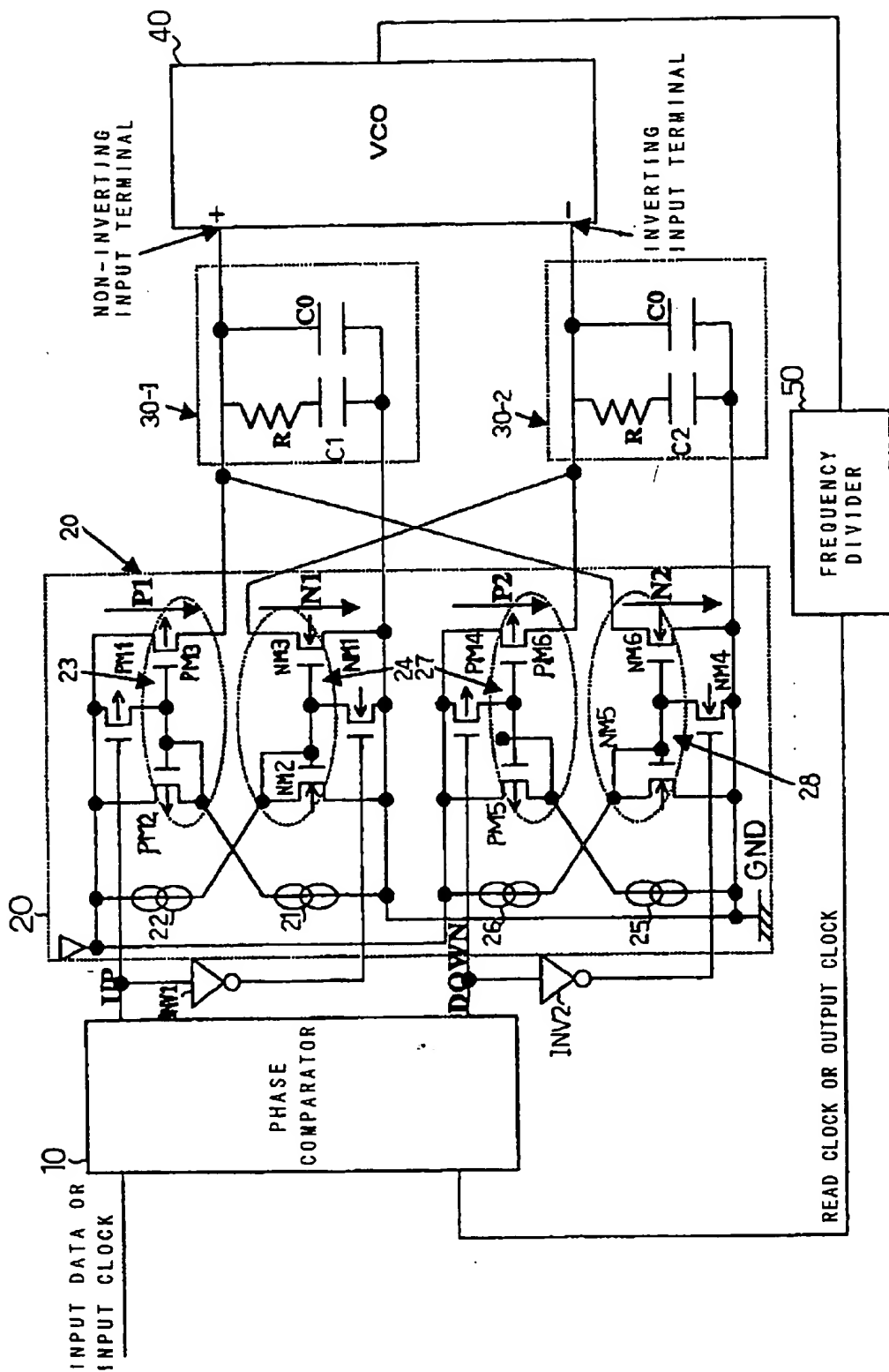
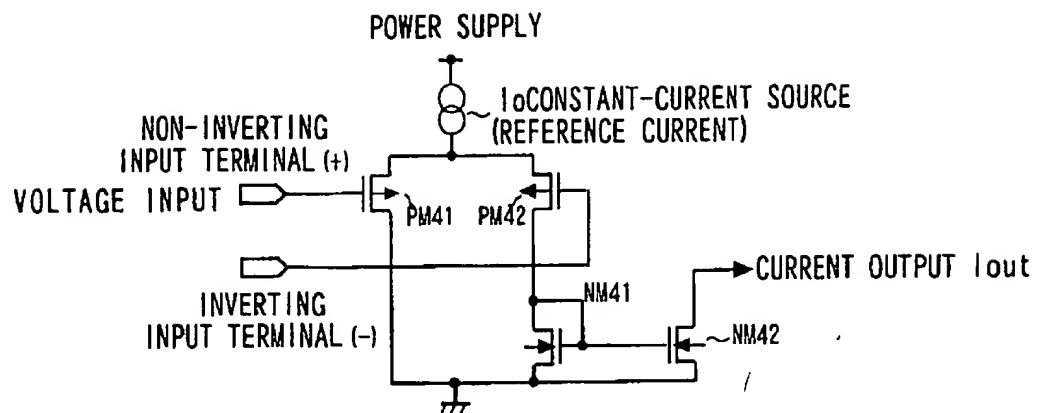


FIG . 5



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FIG. 6

EXAMPLE	SPECIFIC EXAMPLE	UP:DN	DECISION
1	PRIOR ART: $P = 10 \mu A$ , $N = 10 \mu A$	1:1	NO PROBLEM
2	PRIOR ART: $P = 12 \mu A$ , $N = 10 \mu A$	1: 2:1	PROBLEM
3	PRESENT INVENTION: $P1 = P2 = 10 \mu A$ , $N1 = N2 = 10 \mu A$	1:1	NO PROBLEM
4	PRESENT INVENTION: $P1 = P2 = 12 \mu A$ , $N1 = N2 = 10 \mu A$	1:1	NO PROBLEM

**FIG. 7**

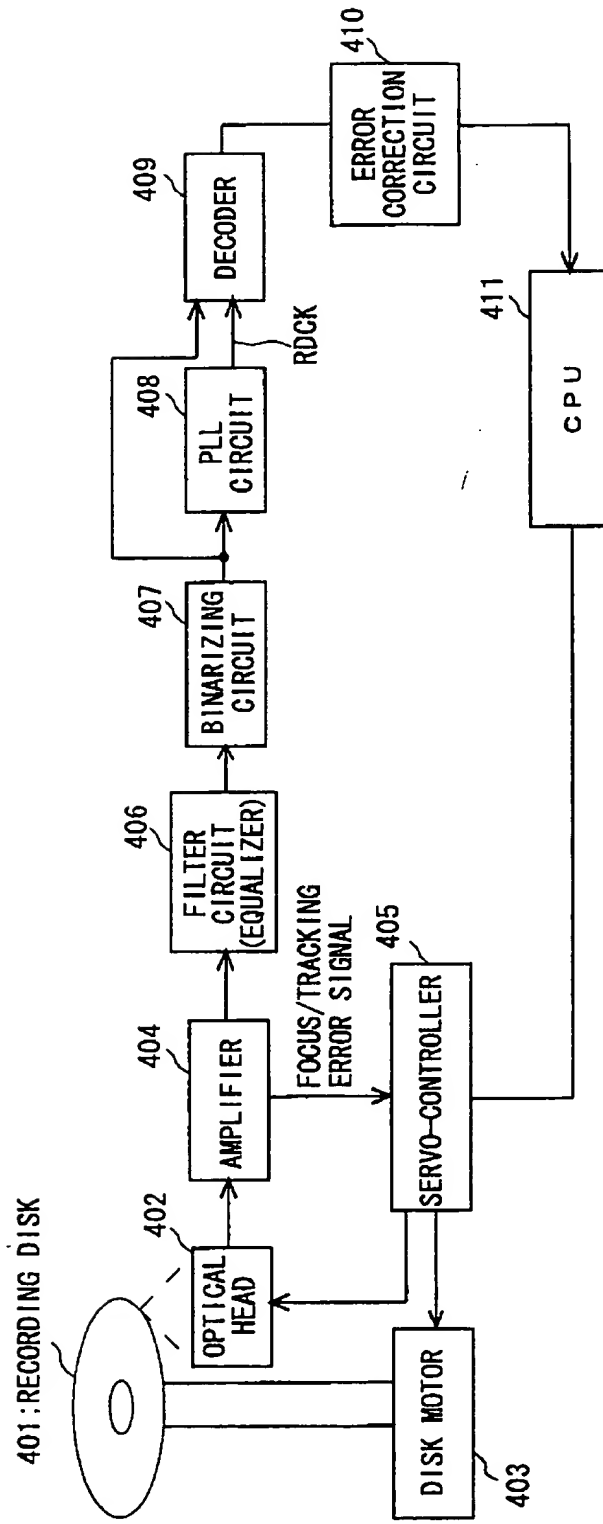
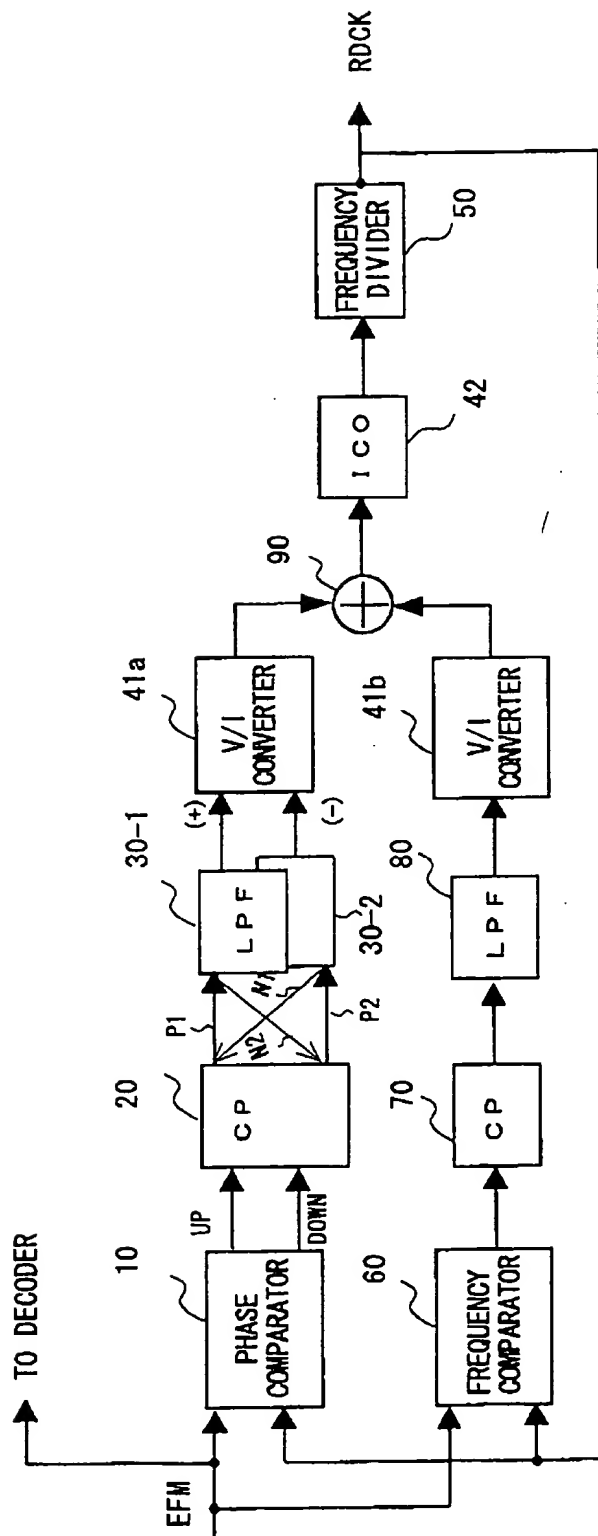


FIG. 8





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03104-1140

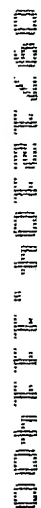


03104-1140



051304-11

051304-11



051304-11

051304-11

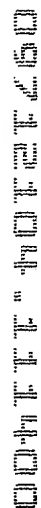
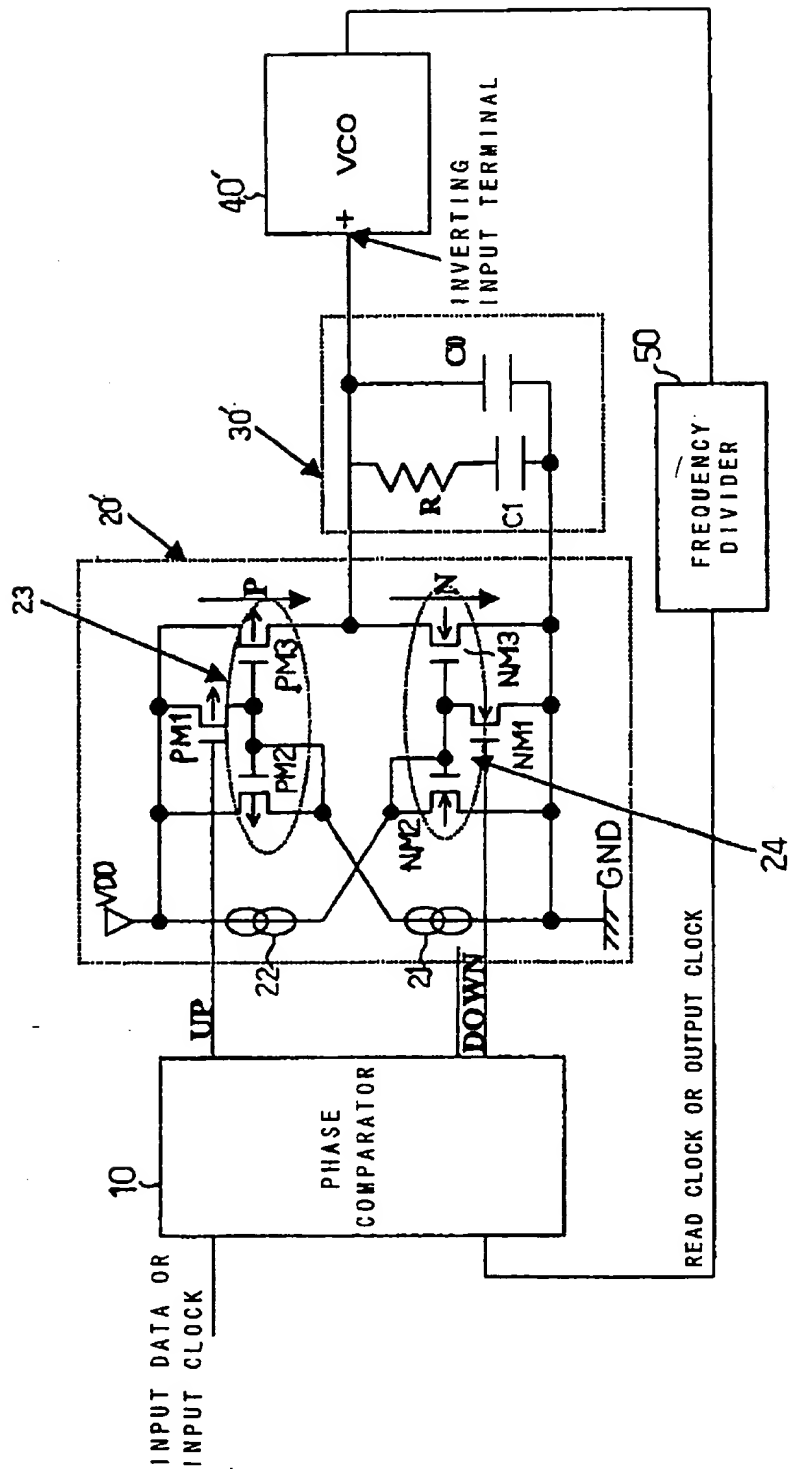


FIG. 12

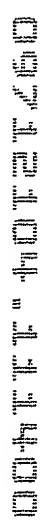
PRIOR ART



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0976101-1140



0976101-1140

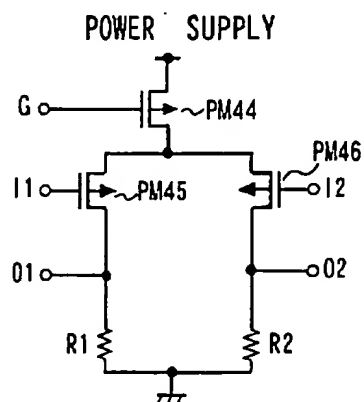


FIG . 14(a)

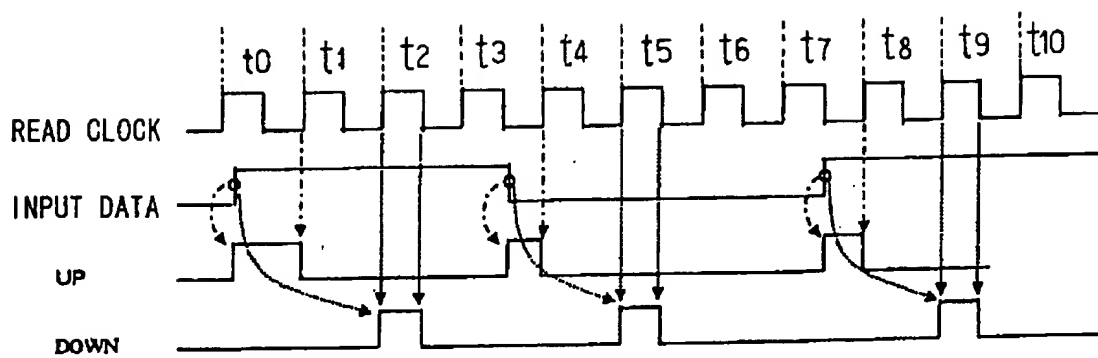


FIG . 14(b)

